

Application No. 09/711,469
Amendment dated June 20, 2005
Reply to Office Action of March 21, 2005

Docket No. 232-4659

Amendments to the Claims:

Claims 1-51 are pending in this application.

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-51 (CANCELLED):

52 (NEW) A data distribution method of distributing a real-time image data from a camera server apparatus having a camera device to a plurality of requesting clients via a network comprising:

obtaining the real-time image data;

distributing the real-time image data to at least one of the plurality of requesting clients;

storing the real-time image data in a memory;

determining whether the real-time image data are being distributed to at least one of the plurality of requesting clients or not; and

uploading the stored image data in the memory to a storage server apparatus when it is determined that the real-time image data are not being distributed.

53(NEW): The data distribution method according to claim 52, further comprising receiving, from the storage server apparatus, access situation of clients to the storage server apparatus,

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wherein the stored image data in the memory is uploaded when it is determined on the basis of the received access situation that no client is accessing to the storage server apparatus.

54 (NEW): The data distribution method according to claim 52, wherein the determining step is performed at preset time.

55 (NEW): A data distribution method of distributing a real-time image data from a camera server apparatus having a camera device to a plurality of requesting clients via a network comprising:

obtaining the real-time image data;

distributing the real-time image data to at least one of the plurality of requesting clients;

storing the real-time image data in a memory;

receiving access situation of clients to a storage server apparatus;

uploading the stored image data in the memory to the storage server apparatus when it is determined on the basis of the received access situation that no client is accessing to the storage server apparatus.

56 (NEW): The data distribution method according to claim 55, wherein the receiving step is performed at preset time.

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57 (NEW): A data distribution apparatus of distributing a real-time image data from a camera server apparatus having a camera device to a plurality of requesting clients via a network comprising:

an input unit adapted to obtain the real time image data;

a distribution unit adapted to distribute the real-time image data to at least one of the plurality of requesting clients;

a memory adapted to store the real-time image data;

a determination unit adapted to determine whether the real-time image data are being distributed to at least one of the plurality of requesting clients or not; and

an uploading unit adapted to upload the stored image data in said memory to a storage server apparatus when it is determined that the real-time image data are not being distributed.

58 (NEW): The data distribution apparatus according to claim 57, further comprising receiving unit adapted to receive, from the storage server apparatus, access situation of clients to the storage server apparatus,

wherein the stored image data in the memory is uploaded when it is determined on the basis of the received access situation that no client is accessing to the storage server apparatus.

59 (NEW): The data distribution apparatus according to claim 57, wherein said determination unit performs the determination at preset time.

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60 (NEW): A data distribution apparatus of distributing a real-time image data from a camera server apparatus having a camera device to a plurality of requesting clients via a network comprising:

an input unit adapted to obtain the real-time image data;

a distribution unit adapted to distribute the real-time image data to at least one of the plurality of requesting clients;

memory adapted to store the real-time image data;

a receiving unit adapted to receive, from a storage server apparatus, access situation of clients to the storage server apparatus;

uploading unit adapted to upload the stored image data in the memory to the storage server apparatus when it is determined on the basis of the received access situation that no client is accessing to the storage server apparatus.

61 (NEW): The data distribution apparatus according to claim 60, wherein the receiving unit performs the reception of the access situation at preset time.

62 (NEW): A storage medium readable by a data processing apparatus, said storage medium storing a program which is executable by the data processing apparatus and comprises program codes realizing the data distribution method comprising:

obtaining the real-time image data;

distributing the real-time image data to at least one of the plurality of requesting clients;

storing the real-time image data in a memory;

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determining whether the real-time image data are being distributed to at least one of the plurality of requesting clients or not; and

uploading the stored image data in the memory to a storage server apparatus when it is determined that the real-time image data are not being distributed.

63 (NEW): A storage medium readable by a data processing apparatus, said storage storing a program which is executable by the data processing apparatus and comprises program codes realizing the data distribution method comprising:

obtaining the real-time image data;

distributing the real-time image data to at least one of the plurality of requesting clients;

storing the real-time image data in a memory;

receiving access situation of clients to a storage server apparatus;

uploading the stored image data in the memory to the storage server apparatus when it is determined on the basis of the received access situation that no client is accessing to the storage server apparatus.